

Art Unit: 1795

Clmpto

Pln

1. System for simulating events in a real environment containing static objects and dynamic objects, comprising:
 - a) position locating means for continuously determining in the real environment the position of said dynamic objects in relation to said static objects within a time period in which the event takes place,
 - b) storage means for storing data describing the dynamic and static objects of said environment,
 - c) processing means for processing
 - b1) data from said storage means describing the static and dynamic objects
 - b2) data from the position locating means indicating at a certain moment the mutual positions of the static and dynamic objects of the environment, said processing means being loaded with simulation software
 - d) display means for displaying a simulated view from a selected viewpoint on the simulated environment as result of the processing by the processing means,
 - e) control means to repeat the functioning of the means mentioned under c) and d) for a range of consecutive time moments which together determine the above-mentioned time period.

characterised in that said position locating means comprises a satellite navigation system, or a thereto-related system.

2. System according to claim 1, characterised in that the storage means, processing means, display means and control means are installed as a user terminal at a place remote from the real environment and that transfer means are used to transfer positional data from the position locating means to the storage means.

3. System according to claim 1, characterised in that for each user of the system storage means, processing means, display means and control means are installed as user terminals at a place remote from the real environment and that transfer means are used to transfer positional data from the position locating means to all said storage means.

--4. (Amended) System according to claim 2, characterized in that the Internet is used as transfer means.

5. (Amended) System according to claim 2, characterized in that a telephone network is used as transfer means.

6. (Amended) System according to claim 1, characterized in that during the whole time period of a competition all positional data together with corresponding time data are stored in a suitable memory, which memory can be used after the competition as transfer medium.

7. System according to claim 6, characterized in that the memory is formed by a compact disc (short CD), or a similar device.

8. (Amended) System according to claim 1, characterized in that the system comprises a competitors database in which data about a number a possible competitors are stored so that, after the competitors for a particular event or competition are known, the simulation of the real competitors within the simulated environment can be adapted.

9. System according to claim 8, characterized in that data about competitors which are not present in the competitor database can be transferred through a suitable transfer medium from a suitable source to the system to become stored in said competitor database.

10. (Amended) System according to claim 8, characterized in that the competitors database is integrated into the user terminal.

11. (Amended) System according to claim 1, characterized in that the system comprises an environment database in which data about a number of possible competition environments are stored so that, after the specific environment where the competition will be held is known, the simulation of said environment can be adapted to the choice of the real environment.

12. System according to claim 11, characterized in that data about an environment which is not contained in the environment database can be transferred from a suitable source to the system through suitable transfer means to become stored in said environment database.

13. (Amended) System according to claim 11, characterized in that the environment database is integrated into the user terminal.

14. (Amended) System according to claim 1, characterized in that the simulation of the real environment can be realized by means of images which are taken from the real environment by suitable means.

15. (Amended) System according to claim 4 and thereto back referring claims, characterized in that special events, which will happen during the real competition, are stored as separate image data in said memory respectively CD, such that these images can be displayed at suitable time moments during the simulated competition.

16. (Amended) System according to claim 1, characterized in that the display means for displaying the simulation of at least part of the environment with the dynamic objects therein is formed by a so-called "virtual reality-helmet".

17. (Amended) Compact disc for application in a system according to claim 1, characterized in that the compact disc comprises: positional data and corresponding time data of at least a number of competitors to the real competition during at least part of a real competition.--